

SUMMARY

TITLE

Efficacy of physiotherapeutic interventions in stroke patients with pusher and neglect syndrome.

OBJECTIVES

The aim of the thesis is to summarise current literature concerning two peculiar phenomena following stroke – pusher syndrome and neglect. Furthermore the work focuses on evaluation of efficacy of physiotherapeutic interventions.

METHODS

The thesis represents a critical review of a literature and it consists of three parts. The first one summarize issues concerning the pusher syndrome and neglect in general. In a special part you can find a detailed description of physiotherapeutic methods that are widely used in a rehabilitation treatment of these two neuronal symptoms. This work is concluded by evaluating results of effects of the therapeutic interventions that are discussed with respect to the future research.

RESULTS

Up till now there are no clinical trials concerning efficiency of physiotherapeutic methods in a treatment of a pusher syndrome. The similar situation seems to be in case of a neglect syndrome as number of available clinical trials testing the efficiency of physiotherapeutic techniques is very limited. The studies show positive results of a training of visual and spatial orientation or prism adaptation to effectively treat neglect patients. On the contrary, pharmacological treatment is not recommended.

KEY WORDS

Pusher syndrome, physical therapy, efficacy, review, neglect syndrome, stroke

